Determine which choice best shows the associative property of multiplication.

1) A. $(4 \times 5)+(4 \times 3)=4 \times(5+3)$
B. $4 \times 5=5 \times 4$
2) A. $1 \times 8=8$
C. $(4 \times 5) \times 3=4 \times(5 \times 3)$
D. $4 \times 1=4$
3) A. $0 \times 1=0$
B. $(0 \times 1) \times 10=0 \times(1 \times 10)$
C. $(0 \times 1)+(0 \times 10)=0 \times(1+10)$
D. $0 \times 1=1 \times 0$
4) A. $(8 \times 2) \times 9=8 \times(2 \times 9)$
B. $8 \times 2=2 \times 8$
C. $(8 \times 2)+(8 \times 9)=8 \times(2+9)$
D. $8 \times 1=8$
5) A. $(6 \times 4) \times 1=6 \times(4 \times 1)$
B. $6 \times 4=4 \times 6$
C. $6 \times 1=6$
D. $(6 \times 4)+(6 \times 1)=6 \times(4+1)$
B. $8 \times 3=3 \times 8$
C. $8 \times(3 \times 0)=(8 \times 3) \times 0$
D. $8 \times(3+0)=(8 \times 3)+(8 \times 0)$
6) A. $(8 \times 3)+(8 \times 1)=8 \times(3+1)$
B. $8 \times 1=8$
C. $8 \times 3=3 \times 8$
D. $(8 \times 3) \times 1=8 \times(3 \times 1)$
7) A. $7 \times 10=10 \times 7$
B. $7 \times(10 \times 0)=(7 \times 10) \times 0$
C. $7 \times(10+0)=(7 \times 10)+(7 \times 0)$
D. $1 \times 7=7$
1. $\qquad$
2. $\qquad$
3. $\qquad$
4. $\qquad$
5. $\qquad$
6. $\qquad$
7. $\qquad$
8. $\qquad$
9. $\qquad$
10. $\qquad$
11. $\qquad$
12. $\qquad$
10) A. $(2 \times 7) \times 1=2 \times(7 \times 1)$
B. $2 \times 1=2$
C. $(2 \times 7)+(2 \times 1)=2 \times(7+1)$
D. $2 \times 7=7 \times 2$
11) A. $8 \times(1+4)=(8 \times 1)+(8 \times 4)$
B. $8 \times(1 \times 4)=(8 \times 1) \times 4$
12) A. $5 \times 1=5$
B. $(5 \times 7) \times 8=5 \times(7 \times 8)$
C. $5 \times 7=7 \times 5$
D. $(5 \times 7)+(5 \times 8)=5 \times(7+8)$

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D. $1 \times 7=7$
1. C
2. $\qquad$
3. $\qquad$
4. C
5. $\mathbf{A}$
6. 


7. $\mathbf{A}$
8.

B
9. $\mathbf{B}$
10. $\qquad$
11. $\qquad$
12. $\qquad$
9) A. $7 \times 1=7$
B. $(7 \times 0) \times 2=7 \times(0 \times 2)$
C. $(7 \times 0)+(7 \times 2)=7 \times(0+2)$
D. $7 \times 0=0 \times 7$
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C. $1 \times 8=8$
D. $8 \times 1=1 \times 8$

